

# BEST AVAILABLE COPY

Replacement Sheet

## A. IIA1 V<sub>H</sub> sequences

[NA, SEQ ID NO: 13; AA, SEQ ID NO: 46]



```

1  ATGGCTGTCCTGGGGCTGCTTCTCTGCCTGGTGACTTCCCAAGCTGTGTCCTGTCCCAG
   M A V L G L L L C L V T F P S C V L S Q
61  GTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCATCACA
   V Q L K E S G P G L V A P S Q S L S I T
121 TGCACCATCTCAGGGTTCTCATTAAACCGACTATGGTGTTCCTGGGTTCCGAGCCTCCA
   C T I S G F S L T D Y G V H W V R Q P P
181 GGAAAGGCTCTGGAGTGGCTGGTAGTGATTTGGAGTGATGGAAGCTCAACCTATAATTCA
   G K G L E W L V V I W S D G S S T Y N S
241 GCTCTCAAATCCAGAATGACCATCAGGAAGGACAACCTCCAAGAGCCAAGTTTCTTAATA
   A L K S R M T I R K D N S K S Q V F L I
301 ATGAACAGTCTCCAAACTGATGACTCAGCCATGTACTACTGTGCCAGACATGGAACCTTAC
   M N S L Q T D D S A M Y Y C A R H G T Y
361 TACGGTATGACTACGACGGGGGATGCTTTGGACTACTGGGGTCAAGGAACCTCAGTCACC
   Y G M T T T G D A L D Y W G Q G T S V T
421 GTCTCTCA
   V S S
  
```

## B. IIA1 V<sub>L</sub> sequences

[NA, SEQ ID NO: 14; AA, SEQ ID NO: 47]

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1  ATGGATTTTCAGGTGCAGATTTTCAGCTTCTGCTAATCAGTGCCTCAGTCATAATGTCC
   M D F Q V Q I F S F L L I S A S V I M S
61  AGAGGACAAATTGTTCTCAGCCAGTCTCCAGCAATCATGTCTGCATCTCTAGGGGAACGG
   R G Q I V L T Q S P A I M S A S L G E R
121 GTCACCATGACCTGCACTGCCAGTTCAAGTGTAAGTTCCAATTACTTGCACTGGTACCAG
   V T M T C T A S S S V S S N Y L H W Y Q
181 CAGAAGCCAGGATCCGCCCCCAATCTCTGGATTTATAGCACATCCAACCTGGCTTCTGGA
   Q K P G S A P N L W I Y S T S N L A S G
241 GTCCCAGCTCGTTTCAGTGGCAGTGGGTCTGGGACCTCTTACTCTCTCACAATCAGCAGC
   V P A R F S G S G S G T S Y S L T I S S
301 ATGGAGGCTGAAGATGCTGCCACTTATTACTGCCACCAGTATCTTCGTTCCCCACCGACG
   M E A E D A A T Y Y C H Q Y L R S P P T
361 TTCGGTGGAGGCACCAAGCTGGAAATCAAA
   F G G G T K L E I K
  
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FIGURE 3